1. (Cancelled)

Mail Stop AF Docket No. 2099.006B U.S. Serial No. 10/638,841

## Amendments to the Claims:

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2. (Currently amended) A process for production of a product compound having a structure according to Formulae IA and/or IB:

B
$$C = R^1$$
 $C = R^1$ 
 $C = R^2$ 
 $C = R^3$ 
 $C = R^3$ 
(IA)

B
$$C = R^1$$
 $OH$ 
 $CH_2)_3 = CH$ 
 $CH_3$ 
 $CH_3$ 
 $CH_3$ 
 $CH_3$ 

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## wherein

n is 0-or 1;

R<sup>1</sup> is hydrogen or hydroxy;

R<sup>2</sup> is hydrogen;

or, when n is 0,  $R^1$  and  $R^2$  taken together form a second bond between the carbon atoms bearing  $R^1$  and  $R^2$ , provided that when n is 1,  $R^4$  and  $R^2$ -are each hydrogen;

R3 is -COOH or -COOR4;

R<sup>4</sup> is an alkyl moiety;

A, B, and D are the substituents of their rings, each of which may be different or the same, and are selected from the group consisting of hydrogen, halogens, alkyl, hydroxy, and alkoxy,

## said process comprising:

incubating a starting compound having a structure according to Formulae IIA and/or IIB:

B
$$C = R^1$$
 $C = R^1$ 
 $C = R^2$ 
 $C = R^3$ 
 $C = R^3$ 
(IIA)

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 & &$$

wherein R<sup>3</sup>\* is -CH<sub>3</sub> and R<sup>1</sup>, R<sup>2</sup>, A, B, and D are defined above, in the presence of a microorganism under conditions effective to produce the product compound, wherein the microorganism is *Stemphylium consortiale*.

3.-32. (Cancelled)